

CHAPTER 2

THE MAGNITUDE OF DEPOT MAINTENANCE

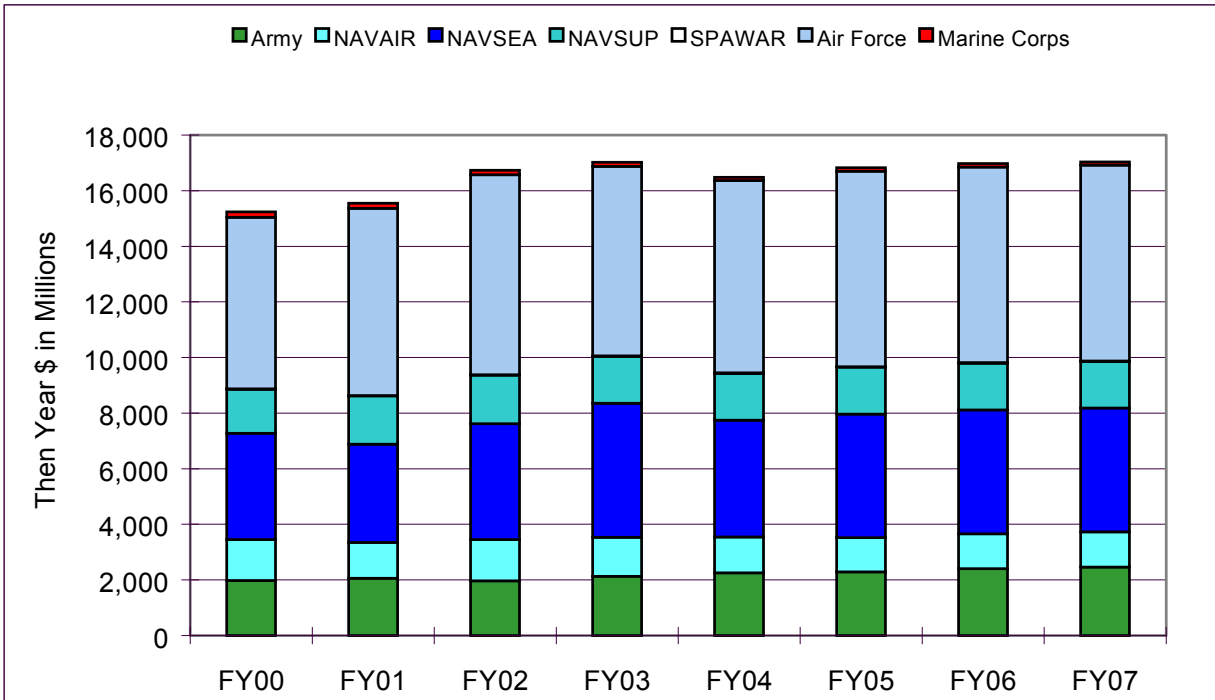
2.1 ESTIMATED DEPOT MAINTENANCE EXPENDITURES

Maintaining the large DoD inventory of equipment and weapon systems requires considerable expenditure of funds. The estimated expenditure to accomplish the depot maintenance mission is depicted in Chart 2-1. Chart 2-1 is reflective of the customer's perspective - the Service responsible for obtaining depot maintenance support of its assigned equipment from a variety of performing activities (which may include depots from its own Service, those of other Services, and contractors). The data in Chart 2-1 include funds for depot maintenance Interim Contractor Support (ICS) and Contractor Logistics Support (CLS).

The expenditure data in Chart 2-1 was submitted in response to a data call for the period FY00 through FY07. FY00 data reflects actual Service expenditures for the accomplishment of depot maintenance. FY01 data is based on the Congressionally-approved budget. FY02 is based on the President's Budget, and FY03-FY07 data is based on the Services' last Program Objectives Memorandum (POM) submissions. The data track closely to the depot maintenance expenditure data in the "50-50" report; however, in some cases the Services and SYSCOMs provided updated expenditure data.

The depot maintenance expenditures estimate increases 9.6 percent for the period FY01 through FY07 (in then year dollars); however, constant FY01 dollars for the same period reflect a decrease of 3.5 percent. The level of contract workload reflects an increase from FY01 through FY07 from a level of \$7.7 billion to \$8.1 billion, or approximately 5.7 percent (then year dollars). In FY01 constant dollars this a 6.9 percent decrease.

Chart 2-1
Estimate of Depot Maintenance Expenditures
(Then Year \$ in Millions)



	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
Army	1,983.0	2,059.6	1,968.4	2,132.4	2,254.3	2,293.8	2,402.5	2,467.3
NAVAIR	1,471.6	1,290.7	1,485.9	1,405.5	1,288.0	1,226.3	1,262.9	1,262.4
NAVSEA	3,818.1	3,531.5	4,162.7	4,815.9	4,198.9	4,448.3	4,448.3	4,448.3
NAVSUP	1,585.5	1,738.6	1,748.2	1,693.4	1,689.7	1,684.4	1,684.4	1,684.4
SPAWAR	15.0	14.5	15.6	15.5	15.5	15.5	15.5	15.5
Air Force	6,165.0	6,731.6	7,197.4	6,811.7	6,920.6	7,036.5	7,036.5	7,036.5
Marine Corps	202.8	181.9	150.7	145.4	117.7	121.0	122.3	124.2
Total	15,241.0	15,548.3	16,728.8	17,019.9	16,484.7	16,825.8	16,972.3	17,038.5

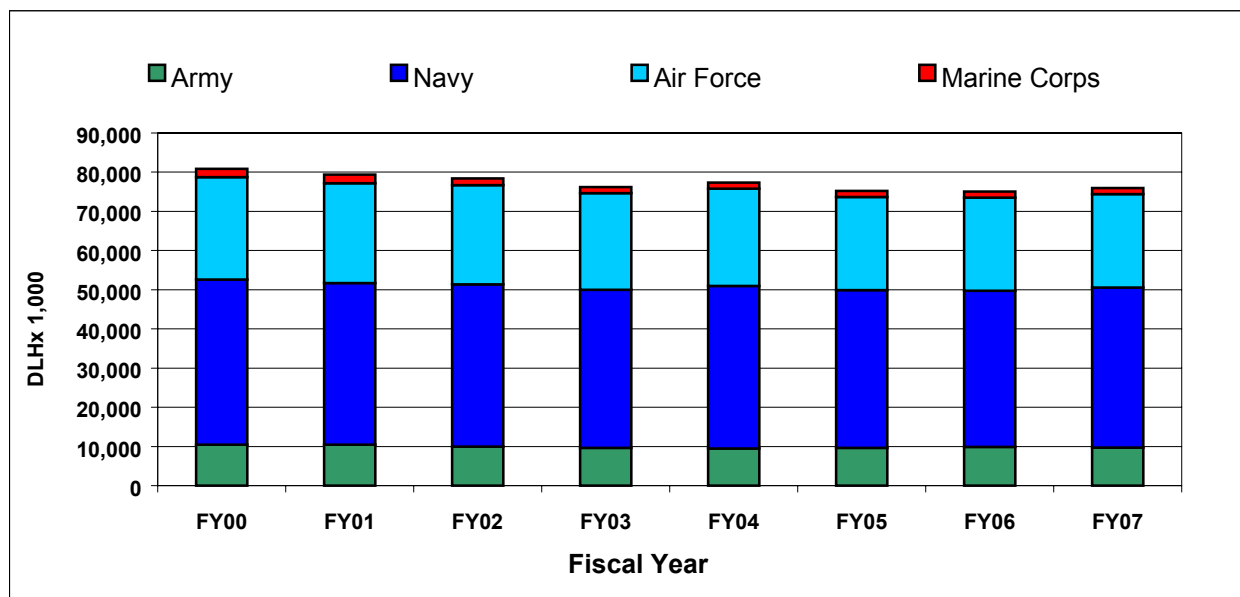
Notes:

- SPAWAR amounts are included in Chart 2-1, but are not visible in the graph.
- Funds for depot maintenance ICS and CLS are included.
- Navy data excludes Military Sealift Command.
- Due to rounding, figures may not add exactly.

2.2 ORGANIC WORKLOAD

Chart 2-2 shows the organic workload trend for FY00-FY07 in direct labor hours (DLH) from the agent Service's perspective--the organizational activity that performs depot-level maintenance support to a variety of customers (which may include its own Service, other Services, and other Federal Agencies). The data reflects workload from all funding sources (i.e., agent Service Operations and Maintenance (O&M); Procurement, Research, Development, Test, and Evaluation (RDT&E) appropriations, agent Service stock fund; and reimbursables such as other Services and Foreign Military Sales (FMS) customers).

Chart 2-2
Joint Service
Organic Workload (DLH 000)



	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
Army	10,431.6	10,428.5	9,977.7	9,640.9	9,470.1	9,663.2	9,868.6	9,725.0
Navy	42,171.3	41,272.3	41,394.1	40,316.8	41,520.6	40,241.5	39,874.7	40,851.9
NAVSEA	29,867.2	29,483.2	29,310.8	28,645.9	29,849.7	28,570.6	28,203.9	29,181.0
NAVAIR	11,921.2	11,374.2	11,680.2	11,286.9	11,286.9	11,286.9	11,286.9	11,286.9
SPAWAR	383.0	415.0	403.0	384.0	384.0	384.0	384.0	384.0
Air Force	26,099.0	25,470.0	25,315.0	24,694.0	24,804.0	23,785.0	23,785.0	23,785.0
Marine Corps	2,164.9	2,249.8	1,746.9	1,558.9	1,555.9	1,555.9	1,555.9	1,555.9
JOINT SERVICE	80,866.8	79,420.6	78,433.7	76,210.6	77,350.5	75,245.7	75,084.3	75,917.7

Notes: NAVAIR, NAVSEA, and SPAWAR totals in Chart 2-2 are subsets of the Navy total. Due to rounding, figures may not add exactly.

Table 2-1 provides the organic workload data shown from the joint Service perspective sorted by major commodity.

Table 2-1
Joint Service Organic Workload by Major Commodity
(DLH 000)

	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07
Aircraft Airframes	13,326.0	13,085.8	12,850.4	12,548.8	12,551.7	12,076.9	11,998.9	12,023.1
Aircraft Components	11,172.9	11,364.1	11,596.8	11,640.2	11,542.8	11,316.0	11,398.9	11,265.9
Engines (Gas Turbine)	5,592.6	5,506.1	5,010.9	5,237.5	5,109.8	4,724.0	4,721.5	4,790.1
Missiles & Components	2,294.5	2,204.6	2,394.7	2,324.8	2,465.1	2,394.9	2,422.4	2,111.0
Amphibians	598.0	545.5	428.5	3.0	0.0	0.0	0.0	0.0
Ground Combat Vehicles	3,335.0	3,053.5	2,708.5	2,522.0	2,538.0	2,778.0	2,828.0	2,824.0
Ground & Shipboard C-E	3,309.8	3,521.0	3,477.8	3,431.3	3,403.7	3,396.9	3,398.0	3,384.1
Automotive / Construction	253.2	216.2	175.9	219.9	220.9	227.9	231.9	231.9
Tactical Vehicles	454.0	630.5	405.6	555.6	579.6	679.6	722.6	724.6
Ground General Purpose	200.5	203.5	208.9	190.3	189.3	180.3	194.3	179.3
Ord., Weapons & Munitions	1,021.0	1,040.5	1,054.3	1,057.3	1,077.3	1,084.3	1,217.3	1,262.3
Sea Systems	28,525.6	28,028.2	27,877.4	27,137.5	28,323.3	27,035.2	26,531.5	27,469.6
Software	3,664.9	3,677.6	4,263.7	3,557.3	3,611.5	3,577.5	3,592.2	3,831.0
Special Interest Items	437.9	392.5	377.0	392.9	392.9	417.9	417.9	417.9
Other	1,988.4	1,366.9	1,257.7	1,132.2	1,130.2	1,158.5	1,168.9	1,171.6
Associated Fabrication/Mfg.	1,138.1	1,130.7	1,023.7	998.7	953.2	936.4	978.8	970.1
Fleet Support / Field Support	3,554.2	3,453.5	3,321.8	3,261.2	3,261.2	3,261.2	3,261.2	3,261.2
TOTALS	80,866.8	79,420.6	78,433.7	76,210.6	77,350.5	75,245.7	75,084.3	75,917.7

Note: Due to rounding, figures may not add exactly.

2.3 CONTRACT WORKLOAD

Table 2-2 presents the contract workload from the joint Service perspective sorted by major commodity.

Table 2-2
Joint Service Contract Workload by Major Commodity
(Then Year Dollars in Millions)

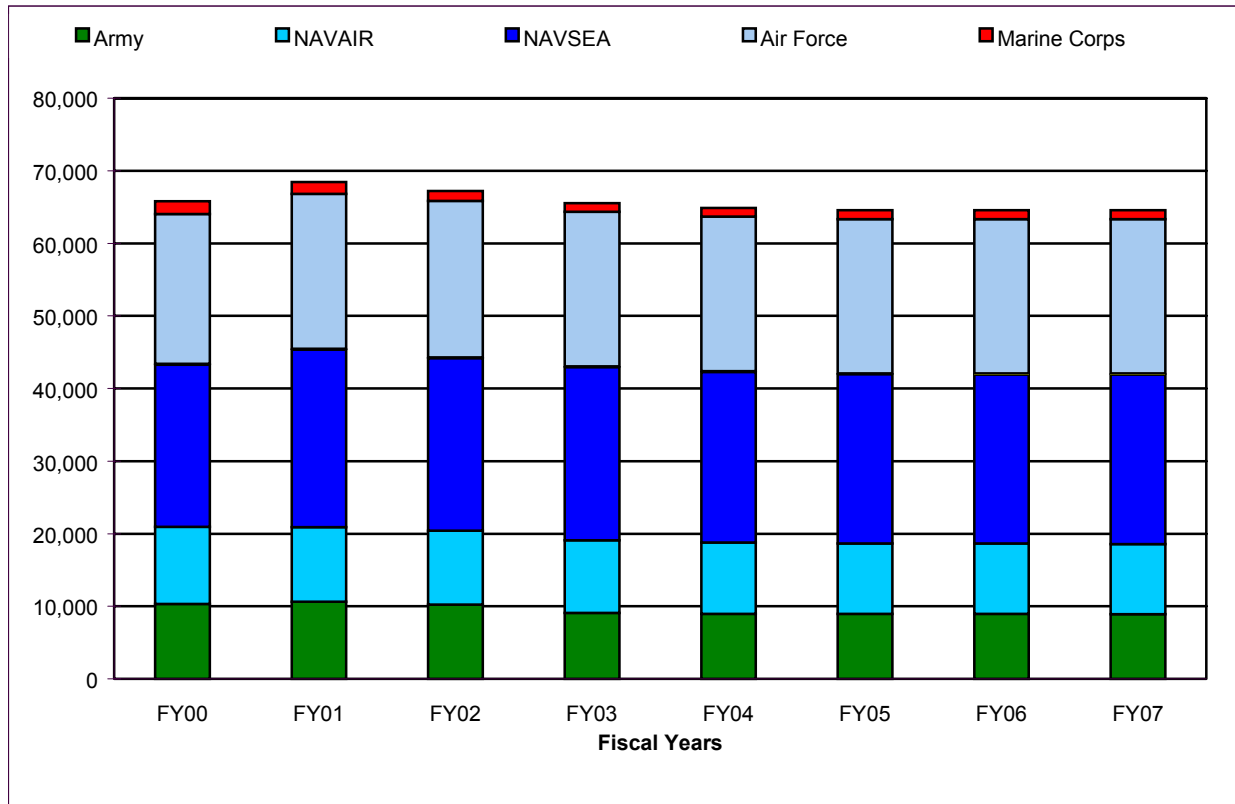
	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
Aircraft Airframes	1,065.3	1,101.7	1,078.9	1,075.6	1,042.5	1,000.9	1,098.9	1,130.7
Aircraft Components	1,445.2	1,572.2	1,642.6	1,678.1	1,662.0	1,647.1	1,592.9	1,612.6
Engines (Gas Turbine)	1,409.4	1,490.6	1,475.2	1,485.9	1,522.7	1,588.2	1,549.3	1,498.7
Missiles & Components	236.8	265.5	275.6	300.8	314.1	339.9	320.7	314.2
Amphibians	11.6	21.6	22.2	19.7	10.1	14.3	20.4	18.0
Ground Combat Vehicles	84.0	91.7	92.7	98.9	102.2	101.1	104.1	99.9
Ground & Shipboard C-E	337.7	423.7	436.4	491.8	509.6	498.6	524.8	517.4
Automotive/Construction Equip.	41.2	37.3	25.3	31.3	12.6	12.2	15.5	88.5
Tactical Vehicles	32.4	85.5	29.7	35.9	42.6	36.8	38.2	38.2
Ground General Purpose	25.4	24.1	25.8	30.0	25.8	26.3	29.3	29.5
Ord., Weapons & Munitions	53.3	47.8	51.6	52.3	53.6	54.7	54.6	57.4
Sea Systems	1,717.1	1,670.2	1,845.5	1,983.2	1,746.0	1,845.0	1,843.9	1,843.7
Software	713.0	659.7	614.4	608.4	642.9	652.7	687.6	698.0
Special Interest Items	17.5	19.5	19.8	0.0	0.0	0.0	0.0	0.0
Other	196.4	155.0	159.6	157.3	149.5	147.9	155.7	157.2
Associated Fabrication/Mfg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fleet Support / Field Support	4.3	2.5	1.4	0.1	0.1	0.1	0.1	0.1
TOTAL	7,390.8	7,668.6	7,796.6	8,049.3	7,836.4	7,965.9	8,035.9	8,104.1

Notes: Due to rounding, figures may not add exactly. Funds for ICS and CLS are included.

2.4 DEPOT MAINTENANCE PERSONNEL LEVELS

Chart 2-3 provides an overall view of the assigned depot maintenance personnel levels by Service for FY00 through FY07. The assigned depot maintenance personnel include permanent military and civilian personnel, both direct and indirect, and temporary and part-time personnel. The personnel data reflect the actual or projected end on board strength as of 30 September of the fiscal years. Appendix A provides the FY00-FY07 personnel levels by depot, broken out by direct and indirect and by military and civilian workers, when possible.

**Chart 2-3
Total Assigned Depot Maintenance Personnel**



	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
Army	10,326	10,610	10,237	9,087	8,935	8,966	8,968	8,891
Navy	33,085	34,862	34,039	33,966	33,460	33,092	33,087	33,162
NAVAIR	10,628	10,302	10,161	10,021	9,841	9,683	9,683	9,683
NAVSEA	22,299	24,403	23,729	23,807	23,481	23,271	23,266	23,341
NAVSEA (Shipyards)	21,321	23,350	22,704	22,745	22,407	22,195	22,095	22,145
NAVSEA (NSWC)	383	451	408	428	438	459	505	519
NAVSEA (NUWC)	595	602	617	634	636	617	666	677
SPAWAR	158	157	149	138	138	138	138	138
Air Force	20,615	21,320	21,563	21,276	21,276	21,276	21,276	21,276
Marine Corps	1,779	1,633	1,361	1,214	1,219	1,219	1,219	1,219
Total	65,805	68,425	67,200	65,543	64,890	64,553	64,550	64,548

Note: SPAWAR amounts are included in Chart 2-3, but are not visible in the graph.